

We produce a broad portfolio of high performance emitters.

Wavelengths from visible (650 nm) to long wavelength (1625 nm) are available

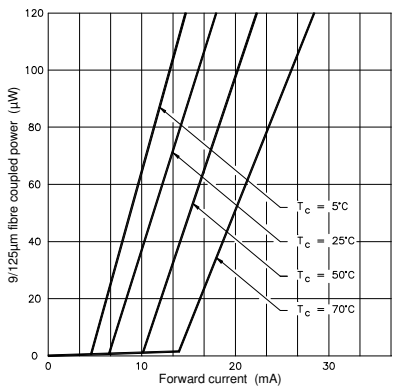
The following device types are available

- DFB Lasers
- FP Lasers
- VCSEL's
- SLED
- ELED

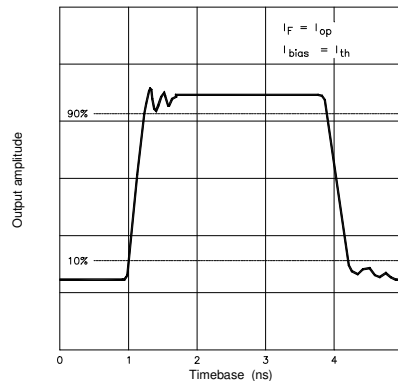


Devices are available as receptacles or fibre pigtailed for coupling to either singlemode or multimode optical fibre

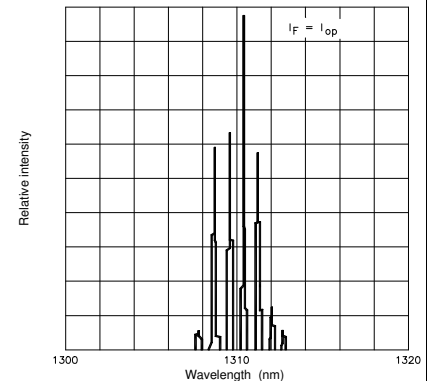
**Example -high performance 1310nm MQW-FP laser diode with integrated monitor photodiode**



Fibre coupled power vs forward current



Response to an input pulse at forward operating current

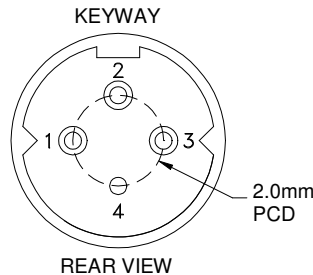


Emission spectrum

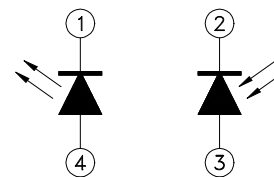
**PINOUT DETAILS**

- 1 = Laser diode cathode
- 2 = Photodiode cathode
- 3 = Photodiode anode
- 4 = Laser diode anode (case)

Pin length = 18mm ± 1mm



**INTERNAL CIRCUIT**



Advanced Fibreoptic Engineering reserves the right to introduce changes without notice if it is deemed that such changes will not affect product performance. Prior notification will be given in all other circumstances. No responsibility is assumed for its use or for any infringement of the rights of third parties.